

Serial number .....

Production year .....



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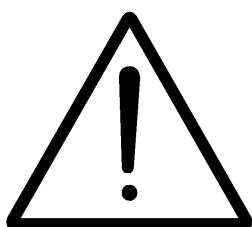
08-08-2009

## OPERATING INSTRUCTIONS

Catalogue No. 20.164/ENG

## ROUND HEMATOCRITE READER

**16164**



*Read before use!*

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### 1. Intended application.

The round reader is an instrument for determining the percentage volume of hematocrite HCT of red blood corpuscles in the blood centrifuged in capillaries. Hematocrite HCT is a relation between volumes of red blood corpuscles contained in the blood sample and total capacity of blood sample. Its value is specified in percentage units and defines percentage of erythrocytes in plasma. Hematocrite value depends on number of erythrocytes and volume of plasma, so indirectly from irrigation ratio of organism.

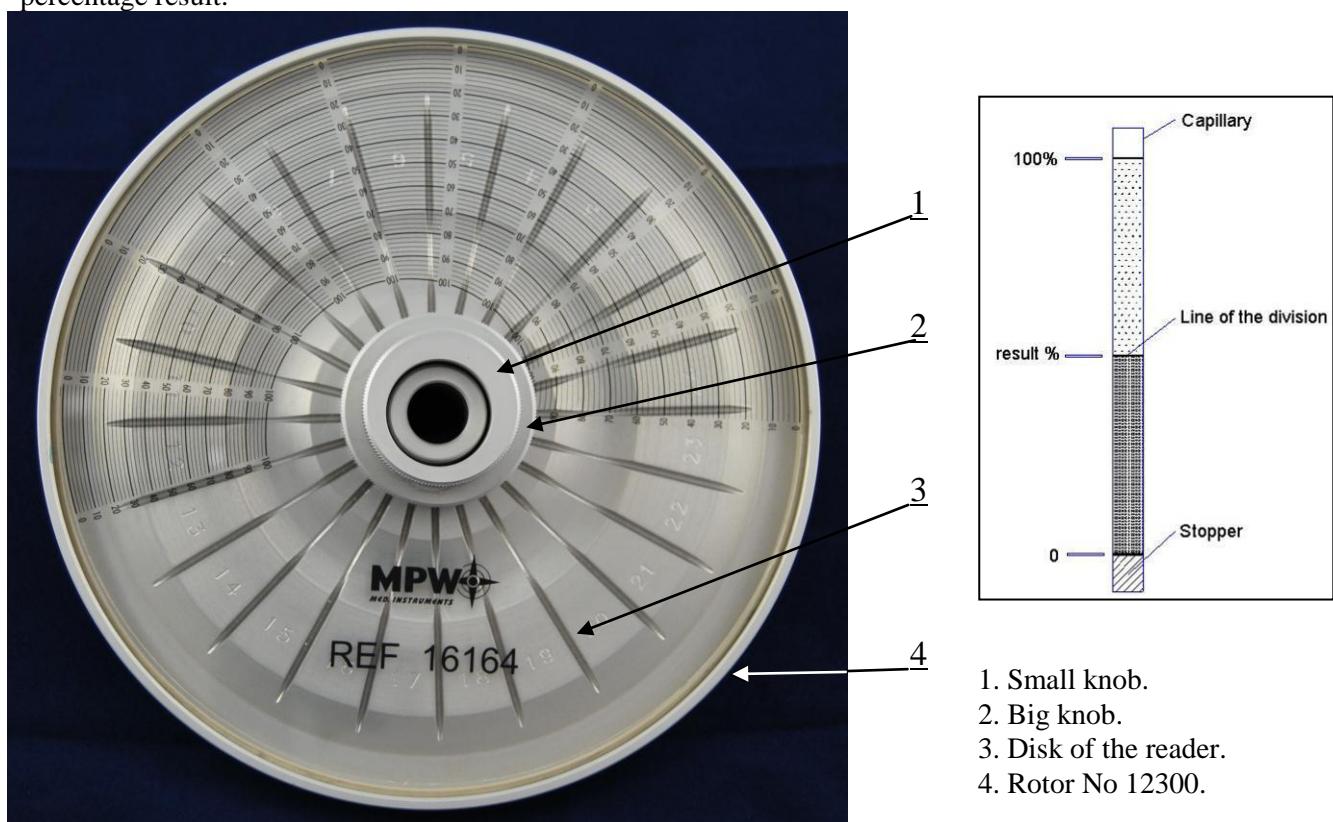
### 2. Technical data.

The reader No 16164 is additional equipment for laboratory centrifuges with hematocrite rotors No 12300 produced by MPW Med. instruments Co-operative of Workers.

The reader is suitable to read hematocrite from capillary which is long 75 mm on the rotor without remove them.

### 3. Hematocrite reading.

It is necessary to set the reader up for the hematocrite rotor [element No.4] after stopping whirling and the removing of the lid. Then turning the small knob [element No.1] fixed on the eccentric arrange the line 0 as was covering with the lower part of the filling of blood of the capillary. With big knob [element No.2] we are covering the line marking 100 % from filling the sample with the top level. Line which is covering with the line of the division red blood corpuscles and plasmas is shows us the percentage result.



Drawing No.4. General view of reader.

#### **4. Cleaning, disinfection and maintenance.**

Use water with soap or a neutral agent with pH 6÷8 for cleaning these parts. Do not use alkaline agents with pH above 8. Do not use alkaline solutions, aggressive solvents or agents containing abrasive particles in order to not to damage the disc of the reader.

Exact conservation is prolonging the time of use and he is preventing premature damage. Corrosion and damage caused by insufficient maintenance cannot be the basis of any claims made to the manufacturer.

After execution of measurements the reader should be stored in the delivered package by MPW in order that prevent the reader disc scratching.

***CAUTION! To following work it is necessary to use protective gloves.***

#### **5. Repair conditions.**

The manufacturer grants the buyer a warranty on the conditions specified in the warranty card. The buyer loses the right to warranty repair if the unit is used contrary to the operating instructions, the unit is damaged by the user's fault or the warranty card is lost. In case of use up, damage or inscriptions wiping of the reader disc to make impossible to read out it is necessary to purchase of the new reader. Repairs shall be performed by specialized service centers certified by MPW.

Information about authorized service centers is provided in the warranty card. Please contact your distributor or the manufacturer for information about servicing the unit abroad.

#### **6. Manufacturer information.**

##### **MPW Med. instruments**

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#### **7. Distributor information.**

##### **YOUR DISTRIBUTOR:**